

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	10	("20020137006" "4776794" "5967779" "6149509" "6315565").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/12 09:00
S2	0	10/533399.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/10 16:43
S3	50	("2441441"   "2814877"   "2825135"   "2874470"   "3972150"   "4090334"   "4097995"   "4174571"   "4184258"   "4214871"   "4220446"   "4236889"   "4492575"   "4494932"   "4540365"   "4595365"   "4602906"   "4608018"   "4648840"   "4663893").PN. OR ("4776794").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/10 16:49
S4	27	("2641087"   "2744361"   "3164153"   "3421702"   "3905554"   "3972123"   "4412402"   "4478368"   "4522597"   "4648840"   "4676749"   "4776794"   "4913353"   "4941298"   "5054249"   "5082185"   "5094615"   "5199229"   "5203698"   "5350299"   "5468148").PN. OR ("6149509").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/10 18:44
S5	1200	433/80	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/10 18:47
S6	428	433/88	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/10 20:12
S7	13	("2814877"   "4412402").PN. OR ("4608018").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/10 20:32
S8	338	(S5 or S6) and ("return flow" or "back flow" or flow) with (block or valve)	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/11 13:28
S9	0	10/533399.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/11 12:36

## EAST Search History

S10	1200	433/80	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/11 13:29
S11	428	433/88	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/11 13:29
S12	10	(S10 or S11) and ("return flow" or "back flow" or flow) with (block or valve) with (membrane or lip)	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/11 13:41
S13	4	(S10 or S11) and ("return flow" or "back flow" or flow) with (block or valve) with (duckbill)	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/11 19:41
S14	1	("4524805").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/11 13:42
S15	77	("0263259"   "0615751"   "0657007"   "0813075"   "1596520"   "2292373"   "2328382"   "2352642"   "2446571"   "2569369"   "2594318"   "2598002"   "2642259"   "2724442"   "3369666"   "3429108"   "3504699"   "3773233"   "4067414"   "4077429").PN. OR ("4524805").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/11 13:43
S16	1	S15 and "433".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/11 13:43
S17	12	("2644663"   "3066767"   "3896849"   "3941149"   "4434810"   "4524805"   "4859182"   "4998880"   "5197875").PN. OR ("5542845").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/11 19:28
S18	1200	433/80	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/11 20:18
S19	428	433/88	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/11 19:41
S20	195	(S18 or S19) and (block or valve) with (remov\$4 or detach\$4 or separat\$4)	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/11 19:42
S21	10	(S18 or S19) and (lip or duckbill or membrane or elastic) same (block or valve) with (remov\$4 or detach\$4 or separat\$4)	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/11 20:09
S24	73	433/83.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/11 20:55

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S25	137	433/84.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/11 20:55
S26	87	433/85.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/11 20:55
S27	11	(S19 or S18 or S24 or S25 or S26) and quick with connect same valve	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/11 20:59
S28	22	(S19 or S18 or S24 or S25 or S26) and quick with connect and valve	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/12 13:04
S29	1	("4776794").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/12 11:10
S30	1200	433/80	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/12 13:04
S31	428	433/88	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/12 13:04
S32	73	433/83.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/12 13:04
S33	137	433/84.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/12 13:04
S34	87	433/85.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/12 13:04
S35	0	(S31 or S30 or S32 or S33 or S34) and nozzel same sleeve	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/12 13:04
S36	161	(S31 or S30 or S32 or S33 or S34) and (tip or head or nozzle) same sleeve	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/12 13:05
S37	117	(S31 or S30 or S32 or S33 or S34) and (tip or head or nozzle) with sleeve	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/12 13:05
S38	0	("2002/0039714").URPN.	USPAT	AND	ON	2006/05/14 20:38
S40	428	433/88	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/14 20:38
S42	599	(S39 or S40) and (abrasive or syringe)	USPAT	AND	ON	2006/05/14 22:38
S43	14	"Sierro; Alexandre".in. or "Beerstecher; Lutz".in.	USPAT	AND	ON	2006/05/14 20:43

## EAST Search History

S44	8	("20010031441"   "20020137005"   "4413758"   "4494932"   "5857851"   "5961326"   "6220772"   "6390816"). PN. OR ("7011521").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/14 20:45
S45	31	("3698088"   "4026025"   "4133564"   "4149315"   "4193616"   "4248589"   "4508369"   "4621842"   "4712813"   "4807911"   "4900068"   "4975054"   "4984984"   "5048872"   "5049071"   "5125835"   "5236356"   "5242300"   "5286065"   "5306146"   "5342195"   "5370423"   "5433485"   "5460619"   "5468027"   "5489205"   "5507537"   "5591389"   "5772433"   "5927975"). PN. OR ("6283750").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/14 21:24

## EAST Search History

S46	145	("1683350"   "1802499"   "2371971"   "2452275"   "2561827"   "2833567"   "2873985"   "2978262"   "3140106"   "3184706"   "3254646"   "3287033"   "3361449"   "3361460"   "3394954"   "3423109"   "3454290"   "3479058"   "3540760"   "3563575"   "3570483"   "3606396"   "3624812"   "3653689"   "3659880"   "3684319"   "3698088"   "3730564"   "3749424"   "3756632"   "3874083"   "3958818"   "3973752"   "3980325"   "3984133"   "3990728"   "4005884"   "4026025"   "4032177"   "4039212"   "4063760"   "4076279"   "4109943"   "4113284"   "4133564"   "4138145"   "4149315"   "4157843"   "4178023"   "4187848"   "4188051"   "4193616"   "4225162"   "4229025"   "4248589"   "4249899"   "4257629"   "4266815"   "4275907"   "4278279"   "4293178"   "4407526"   "4422673"   "4445714"   "4451069"   "4463974"   "4481697"   "4493522"   "4522435"   "4564223"   "4565392"   "4573716"   "4577894"   "4613329"   "4619612"   "4621842"   "4637639"   "4676749"   "4679827"   "4705304"   "4712813"   "4722558"   "4750765"   "4787657"   "4793637"   "4807911"   "4817997"   "4826431"   "4842548"   "4893846"   "4900068"   "4903995"   "4915427"   "4923228"   "4946200"   "4951976"   "4958858"   "4969668"   "4975054"   "4984984"   "5044675"   "5048872"   "5049071"   "5069424"   "5125835"   "5176411"   "5192206"   "5222772"   "5236356"   "5242300"   "5254103"   "5286065"   "5306146"   "5320389"   "5342195"   "5370423"   "5433485"   "5460619"   "5468027"   "5489205"   "5507537"   "5591389"   "5772433"   "5927975"   "D352354").PN. OR ("6319001").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/14 21:35
S47	288	(S39 or S40) and (abrasive or abrasion or abrader or polish or polisher)	USPAT	AND	ON	2006/05/14 22:38
S48	1	("4776794").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 19:42